

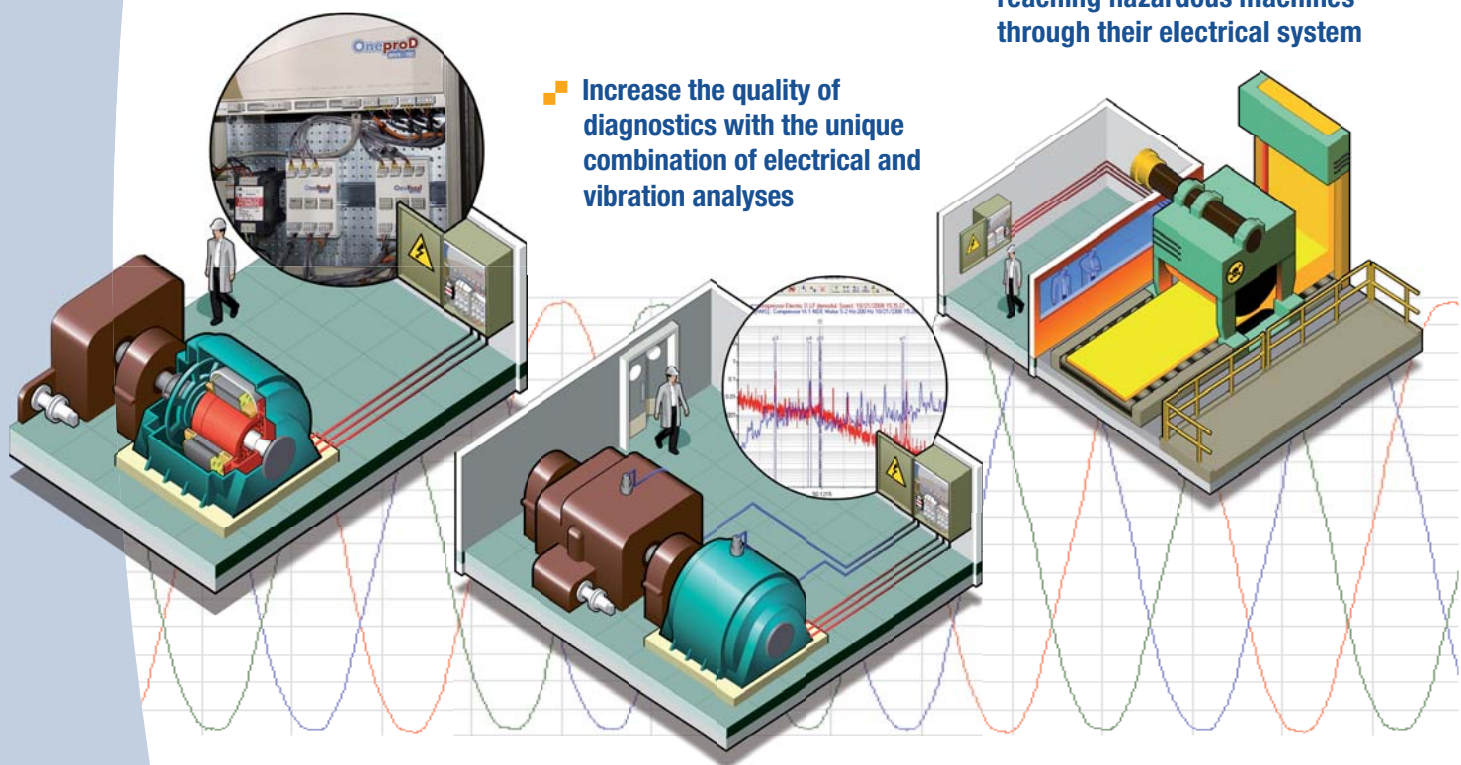


Electrical Analysis meets Vibration Analysis for the best of your diagnostic

- Improve motor reliability by monitoring their mechanical and electrical components

- Extend equipment monitoring by reaching hazardous machines through their electrical system

- Increase the quality of diagnostics with the unique combination of electrical and vibration analyses



And also...

- Become quickly operational thanks to an easy set-up and to the guidance of automatic failure diagnostics
- Catch very low frequency phenomena by using the unique capabilities of electrical signature analysis in this domain

OneProd System integrates Electrical Signature Analysis (ESA) to its wide range of condition monitoring systems. ESA is a diagnostic and analysis module designed to evaluate the electrical and mechanical behaviours of induction motors. This technology enables you to monitor operating electrical equipment and detect mechanical and electrical problems in the motor, power supply, and driven machine.

ESA offers the ability to clearly detect motor problems, such as rotor bar deterioration, static and dynamic rotor eccentricity, stator current imbalance, and monitors the power factor. ESA also identifies power supply problems by monitoring the input power, voltage imbalance and harmonics. Overall, ESA captures mechanical deteriorations from the motor up to the driven machine on bearings, couplings, belts, pumps, fans, gears...

With ESA, the motor monitoring job is complete.

